

Unilok-NH3™ extends nitrogen availability below ground, supporting crop yield potential and protecting investment in soil fertility.

WHAT IS THE PRODUCT?

Unilok-NH3 contains the active ingredient Dicyandiamide (DCD) that has a 30 year history of proven performance as a nitrification inhibitor.

WHAT ENVIRONMENTAL BENEFITS COME WITH USING UNILOK-NH3?

By slowing nitrosomonas bacteria activity Unilok-NH3 reduces the speed of conversion of plant available ammonium to highly mobile nitrate. This prevents less physical nitrate movement out of the root zone and loss to the environment. Unilok-NH3 also reduces the conversion of plant available ammonium to nitrous oxide, which can be released to the atmosphere from the soil as a potent greenhouse gas.

CAN I ADJUST MY NITROGEN RATE WHEN USING UNILOK-NH3?

AcreEdge Representatives always recommend you to use the nitrogen rate based on your crop's fertility and local agronomic needs. Unilok-NH3 will protect your nitrogen investment by keeping it in the root zone for plant availability as a tool to apply nitrogen with confidence.

HOW DO I APPLY UNILOK-NH3 TO ANHYDROUS AMMONIA?

Ensure operators are wearing proper personal protective equipment (PPE) for handling Anhydrous Ammonia and according to the Unilok-NH3 SDS. This product is soluble in liquid anhydrous ammonia. It may be pumped into the anhydrous tank through the liquid fill valve before, during, or after loading.

Apply the Unilok-NH3 treated anhydrous ammonia to cropland using conventional ammonia application equipment.

WILL MY AMMONIA APPLICATION EQUIPMENT WORK THE SAME?

Unilok-NH3 works best when thoroughly mixed with anhydrous ammonia nitrogen fertilizer that are applied to the soil. Nitrogen fertilizers treated with Unilok-NH3 should be applied to the soil in the same manner as nitrogen fertilizers without Unilok-NH3.

NOTE: When using Unilok-NH3, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

WHERE CAN I SOURCE THE REQUIRED EQUIPMENT TO APPLY UNILOK-NH3?

Unilok-NH3 may be applied directly to the ammonia nurse tank by use of a pump and meter to load the appropriate amount.

Equipment is available to permit the introduction of Unilok-NH3 into anhydrous near the toolbar without requiring mixing directly into the anhydrous tank.

Contact your AcreEdge Representative for additional details and available equipment program.

For further information about Unilok-NH3 its product qualities and application, please refer to the product label and safety data sheet.

REGION
All regions

CROP
Row crops

TIMING
Fall applied, preplant,
side-dress

RATE
5-7 qts/ton

PACKAGE
250 Gal. tote, bulk